HESSIAN BAGS FILLED **DIMENSION TABLE** WITH SOIL MIX (SEE NOTE 2) NAIL HEAD SIZE REINFORCEMENT (mm) THE VOID BETWEEN THE HESSIAN BAGS TO BE TAMPED WITH SOIL PRIOR TO PLACING OF EROSION 400 x 400 3B16 U BARS BOTHWAYS 3B16 U BARS BOTHWAYS 600 x 600 TWO EDGES OF WIRE MESH 4B16 U BARS BOTHWAYS 800 x 800 CONTROL MAT TO BE WRAPPED INTO THE SOIL NAIL HEAD GMS 75 x 75 x 3L MIN. 12 DIA. STAINLESS STEEL ANCHOR BOLT WITH MIN. 8 DIA. HOT DIP NUT AND WASHER FOR HOLDING THE WIRE MESH GALVANIZED ANCHOR (FOR 600 AND 800 NAIL HEADS ONLY) BOLT WITH NUT AND WASHER WITH MIN. 79 FINISHED SLOPE PROFILE EMBEDMENT DEPTH BIODEGRADABLE EROSION CONTROL MAT WITH SURFACE HYDROSEEDED WIRE MESH TO BE PLACED 800 WALL HEAD ONLY TO THE AREA OF THE ogo wil itud SOIL NAIL HEAD MIN. 12 DIA. STAINLESS STEEL ANCHOR BOLT WITH NUT AND WASHER FOR HOLDING THE WIRE MESH (SEE DETAIL 'A' IN STD. DRG. NO. C2511/2 AND NOTE 4) 10 DIA. HOLE FOR PASSING THROUGH OF WIRE FOR NAIL LENGTH CHECKING (WIRE NOT SHOWN FOR CLARITY) ¢ NAIL INTERSECTION OF NAIL BAR AND REINFORCEMENT BAR AT CENTRELINE OF BLOCK THIN NUT (SEE NOTE 5) 80 x 80 x 5 Tk GMS PLATE WITH 14 DIA 150 x 150 x 20 Tk GMS PLATE HOLE AT CENTRE REINFORCEMENT (REFER TO DIMENSION TABLE) GRADE 30 / 20 CONCRETE OR

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

SOIL NAIL HEAD

- 2. FOR EVERY 200 x 200 x 100 Tk BAG OF SOIL MIX, INCORPORATE 50 g OF PRE-PLANTING FERTILIZER AND 10 g OF WATER RETAINING CRYSTALS.
- 3. B DENOTES GRADE 500B RIBBED REINFORCEMENT.

30 MPa SPRAYED CONCRETE

- 4. WIRE MESH SHALL BE 80 x 60 x 2.2 DIA. PVC COATED GALVANIZED STEEL WIRE WOVEN INTO A DOUBLE TWIST HEXAGONAL MESH OR EQUIVALENT. COLOUR OF PVC COATING SHALL BE DARK GREEN OR AS SPECIFIED.
- 5. FOR SOIL NAIL HEADS CONSTRUCTED BY 2-STAGE SPRAYED CONCRETE ACCORDING TO GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, THE THIN NUT SHALL BE OMITTED.

TYPICAL DETAILS OF SOIL NAIL (SHEET 7 OF 8)

卓越工程 建設香港

TYPICAL SECTION OF RECESSED SOIL NAIL HEAD FOR HYDROSEEDING SURFACE WITH BIODEGRADABLE EROSION CONTROL MAT SCALE 1:5

İ	REF.	REVISION	SIGNATURE	DATE
	-	NEW ISSUE.	Original Signed	06.2015
	Α	NOTE 5 ADDED.	Original Signed	04.2016
	В	DETAILS FOR ANCHOR BOLT REVISED.	Original Signed	07.2018



CIVIL ENGINEERING AND **DEVELOPMENT DEPARTMENT**

SCALE AS SHOWN DATE JUN 2015

DRAWING NO. C2106 /7B

We Engineer Hong Kong's Development